

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, or claims in this application:

### **Listing of Claims:**

1. (Currently amended) A downhole tool for location on a work string, the tool comprising:  
5     a substantially tubular body;  
      a drive system;  
      an assembly located upon the tubular body, the assembly operable from the work string by  
      ~~a hex-~~ the drive system and disengagable from the work string at a selected location in the  
      well bore; and  
10     ~~wherein the tool further includes~~ retrieval means to pick up and engage the assembly on  
      retrieval of the work string from the well bore;  
      wherein the drive system comprises a plurality of longitudinally extending planar sections  
      arranged around a circumference of a portion of an outer surface of the body and a  
      plurality of longitudinally extending sections on a portion of an inner surface of the  
15     assembly, the sections of the assembly matching those of the body such that, when the  
      portion of the outer surface of the body and the portion of the inner surface of the assembly  
      are aligned and the work string rotated, the body is rotated by the work string and the  
      assembly is rotated by the body;  
      and wherein the retrieval means comprises a shoulder on the inner surface of the  
20     assembly and a ledge defined by the planar sections of the body which ledge engages the  
      shoulder on the assembly when the tool is retrieved from the well bore.
2. (Canceled)

3. (Previously presented) A downhole tool as claimed in Claim 1 wherein the assembly is a sleeve positioned on an outer surface of the tool.
4. (Original) A downhole tool as claimed in Claim 3 wherein the assembly is a milling sleeve.
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Previously presented) A downhole tool as claimed in Claim 1 wherein the assembly is detachably coupled to the body.
9. (Original) A downhole tool as claimed in Claim 8 wherein the detachable coupling is by one or more shear pins.
10. (Original) A downhole tool as claimed in Claim 9 wherein the assembly includes an outer shoulder, the outer shoulder contacting a formation in the well bore to cause the shear pins to shear and decouple the assembly from the body thereby disengaging the assembly from the work string.
11. (Previously presented) A downhole tool as claimed in Claim 9 wherein the shear pins include a constricted portion positioned at a plane between the assembly and the body.

12. (Previously presented) A downhole tool as claimed in Claim 9 wherein the body and the assembly include means for retaining sheared parts of the sheared pins to prevent them from dispersing into the well bore.

5 13. (Original) A downhole tool as claimed in Claim 12 wherein the means for retaining sheared parts of the shear pins is by one or more pockets located in the body and the assembly.

10 14. (Previously presented) A downhole tool as claimed in Claim 1 wherein the tool includes a safety mechanism to prevent premature decoupling of the assembly from the body prior to the assembly reaching a selected location in the well bore.

15 15. (Original) A downhole tool as claimed in Claim 14 wherein the safety mechanism comprises a button mounted in a first position to lock the assembly to the tool body, the button having a face engageable with the selected formation, whereupon engagement with a selected formation at the selected location moves the button from the first position to a second position, disengaging the lock and wherein the selected formation maintains the button in the second position while the selected formation contacts the assembly thereby disengaging the assembly from the work string.

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16. (Currently amended) A method of running a work string in a well bore to operate more than one tool on a single trip, the method comprising the steps:

- 25 a) locating a first tool according to claim 1 on the work string;
- b) locating one or more further tools on the work string below the first tool;
- c) running the work string into the well bore until the first tool reaches a selected location;

- 5 d) with the portion of the outer surface of the body and the portion of the inner surface of the assembly aligned, operating the first tool at the selected location by rotating via the work string by means of a hex drive system such that the work string rotates the body of the first tool and the body rotates the assembly of the first tool;
- e) disengaging ~~an~~ the assembly of the first tool from the work string at the selected location;
- f) passing the work string beyond the assembly of the first tool until the one or more further tools have reached desired locations and performed their functions;
- 10 g) removing the work string from the well bore; and
- h) engaging the ledge defined by the planar sections of the body of the first tool on the shoulder on the inner surface of the assembly of the first tool to pick ~~picking up~~ the assembly on the work string as the work string is retrieved.
- 15 17. (Original) A method as claimed in Claim 16 wherein the assembly is a milling assembly for milling and dressing a polished bore receptacle and the selected location is at the polished bore receptacle in the well bore.
18. (Previously presented) A method as claimed in Claim 16 wherein the assembly is
- 20 disengaged from the work string by contacting the assembly with a formation in the well bore and setting down weight on the work string.
19. (Previously presented) A method as claimed in Claim 16 wherein the assembly is picked
- 25 up by the work string by contacting a ledge on the work string with a shoulder on the assembly.

20. (New) A downhole tool as claimed in Claim 1 wherein the drive system is a hex-drive system.

21. (New) A downhole tool for location on a work string, the tool comprising:

5 a substantially tubular body;

a drive system;

an assembly located upon the tubular body, the assembly operable from the work string by a hex drive system and disengagable from the work string at a selected location in the well bore; and

10 retrieval means to pick up and engage the assembly on retrieval of the work string from the well bore;

wherein the hex drive system comprises a plurality of longitudinally extending planar sections arranged around a circumference of a portion of an outer surface of the body and a plurality of longitudinally extending sections on a portion of an inner surface of the

15 assembly, the sections of the assembly matching those of the body such that, when the portion of the outer surface of the body and the portion of the inner surface of the assembly are aligned and the work string rotated, the body is rotated by the work string and the assembly is rotated by the body;

20 and wherein the retrieval means comprises a shoulder on the inner surface of the assembly and a ledge defined by the planar sections of the body which ledge engages the shoulder on the assembly when the tool is retrieved from the well bore.

22. (New) A downhole tool for location on a work string, the tool including an assembly operable from the work string by a hex-drive system and disengagable from the work string at a selected location in the well bore;

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retrieval means to pick up and engage the assembly on retrieval of the work string from the

well bore; and

a safety mechanism to prevent premature decoupling of the assembly from the body prior to the assembly reaching a selected formation at the selected location in the well bore, the safety mechanism comprising a button mounted in a first position to lock the assembly to the tool body, the button having a face engageable with the selected formation, whereupon engagement with the selected formation moves the button from the first position to a second position, disengaging the lock and wherein the selected formation maintains the button in the second position while the selected formation contacts the assembly thereby disengaging the assembly from the work string.

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23. (New) A method of running a work string in a well bore to operate more than one tool on a single trip, the method comprising the steps:

a) locating a first tool on the work string;

b) locating one or more further tools on the work string below the first tool;

15 c) running the work string into the well bore until the first tool reaches a polished bore receptacle in the well bore;

d) operating a milling assembly of the first tool via the work string by means of a hex drive, to mill and dress the polished bore receptacle;

20 e) disengaging the milling assembly of the first tool from the work string at the polished bore receptacle;

f) passing the work string beyond the milling assembly of the first tool until the one or more further tools have reached desired locations and performed their functions;

g) removing the work string from the well bore; and

h) picking up the milling assembly on the work string as the work string is retrieved.

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24. (New) A downhole tool for location on a work string, the tool including an assembly operable from the work string by a drive system and disengagable from the work string at a selected location in the well bore;

retrieval means to pick up and engage the assembly on retrieval of the work string from the well bore; and

a safety mechanism to prevent premature decoupling of the assembly from the body prior to the assembly reaching a selected formation at the selected location in the well bore, the safety mechanism comprising a button mounted in a first position to lock the assembly to the tool body, the button having a face engageable with the selected formation, whereupon engagement with the selected formation moves the button from the first position to a second position, disengaging the lock and wherein the selected formation maintains the button in the second position while the selected formation contacts the assembly thereby disengaging the assembly from the work string.

25. (New) A method of running a work string in a well bore to operate more than one tool on a single trip, the method comprising the steps:

- a) locating a first tool on the work string;
- b) locating one or more further tools on the work string below the first tool;
- c) running the work string into the well bore until the first tool reaches a polished bore receptacle in the well bore;
- d) operating a milling assembly of the first tool via the work string by means of a drive system, to mill and dress the polished bore receptacle;
- e) disengaging the milling assembly of the first tool from the work string at the polished bore receptacle;
- f) passing the work string beyond the milling assembly of the first tool until the one or more further tools have reached desired locations and performed their functions;

- g) removing the work string from the well bore; and
- h) picking up the milling assembly on the work string as the work string is retrieved.



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